PHTY90010 Anatomy for Neurological Physiotherapy

Credit Points:	12.50
Level:	9 (Graduate/Postgraduate)
Dates & Locations:	2011, Parkville This subject commences in the following study period/s: Semester 1, Parkville - Taught on campus.
Time Commitment:	Contact Hours: 42 hours of lectures, tutorials, practical sessions and class presentations. Total Time Commitment: Students are expected to undertake a number of hours of self directed learning in this subject. Approximately 80 hours of self directed learning is suggested.
Prerequisites:	None
Corequisites:	None
Recommended Background Knowledge:	None
Non Allowed Subjects:	None
Core Participation Requirements:	None
Coordinator:	Dr Doa El-Ansary
Contact:	Dr Kimberly Miller
Subject Overview:	This subject is an advanced study of the normal structure and function of the neuromusculoskeletal system. The syllabus will include a detailed study of the topographical and applied anatomy of the joints and regions of the trunk and limbs. Students will demonstrate detailed knowledge of structural anatomy including the ability to accurately identify exposed anatomical structures and their important relations, and structures in cross sections of the body at various levels. Knowledge of the relationship between normal structure and function will be studied at an advanced level. Anatomy and applied anatomy theory will be applied to selected clinical scenarios affecting these regions.
Objectives:	Refer to Specific Skills as outlined in Generic Skills
Assessment:	Anatomy (flag race) 1 hour examination (40%), one written assignment of 2,000 words and class presentation of integrated problem (60%).
Prescribed Texts:	None
Breadth Options:	This subject is not available as a breadth subject.
Fees Information:	Subject EFTSL, Level, Discipline & Census Date, http://enrolment.unimelb.edu.au/fees
Generic Skills:	**Generic Skills:** On completion of the subject, students will be expected to be able to demonstrate: # The ability to evaluate and synthesise anatomical research and professional literature and apply this information to clinical situations. # A capacity to articulate their knowledge and understanding in oral and written presentations. # A capacity for independent thought, critical enquiry and self directed learning. **Specific Skills:** On completion of the subject, students will be expected to be able to demonstrate: # Identify and interpret exposed anatomical structures and their important relations

	# Acquire a sound knowledge of how anatomical, mechanical and physiological factors influence muscle and joint action, and how the mechanics of muscle and joint action interact for functional movements # Understand factors that impact on erect stance and the mechanics of normal gait # Relate the descriptive anatomy to clinically important diagnostic and treatment procedures # Apply anatomy and applied anatomy theory to selected clinical scenarios
Links to further information:	http://www.physioth.unimelb.edu.au/programs/pgrad/index.html